


	Product Name: Express5800/R120h-2M	
	ErP Lot3 Summarises the required information for product types listed in Article 1 of Commission Regulation (EU) No 617/2013*1 as (d) to (h):	

INFORMATION TO BE PROVIDED BY MANUFACTURERS (DESKTOP THIN CLIENTS, WORKSTATIONS, MOBILE WORKSTATIONS, SMALL-SCALE SERVERS, COMPUTER SERVERS)											
For multiple configurations of the same product, consider the highest power-demanding one. A list of all model configurations has to be included in information provided											
a	Product Type *2	Computer Server									
b	Manufacturer's Name, registered trade name/mark, Address	NEC Corporation  7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001									
c	Product Model Number	Express5800/R120h-2M :N8100-2775F/2776F/2777F/2778F									
d	Year of Manufacture	2019/5/13									
e	Internal/external power supply efficiency	Power Supply Type	Single Output (AC-DC)								
		Rated Output Power (W)	500W (Platinum) :N8181-159 800W (Platinum) :N8181-160 800W (Titanium) :N8181-161 1600W (Platinum) :N8181-162								
		Power Supply Efficiency at Specified Loadings	<table border="1"> <tr><td>500W P</td><td>88.85@10%, 92.87@20%, 94.52@50%, 93.70@100%</td></tr> <tr><td>800W P</td><td>89.12@10%, 93.06@20%, 94.39@50%, 92.93@100%</td></tr> <tr><td>800W T</td><td>93.00@10%, 95.28@20%, 96.20@50%, 94.48@100%</td></tr> <tr><td>1600W P</td><td>90.53@10%, 93.76@20%, 94.97@50%, 93.09@100%</td></tr> </table>	500W P	88.85@10%, 92.87@20%, 94.52@50%, 93.70@100%	800W P	89.12@10%, 93.06@20%, 94.39@50%, 92.93@100%	800W T	93.00@10%, 95.28@20%, 96.20@50%, 94.48@100%	1600W P	90.53@10%, 93.76@20%, 94.97@50%, 93.09@100%
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Power Supply Power Factor at Specified Loadings	<table border="1"> <tr><td>500W P</td><td>0.96@10%, 0.98@20%, 0.99@50%, 1.00@100%</td></tr> <tr><td>800W P</td><td>0.95@10%, 0.98@20%, 1.00@50%, 1.00@100%</td></tr> <tr><td>800W T</td><td>0.98@10%, 0.99@20%, 1.00@50%, 1.00@100%</td></tr> <tr><td>1600W P</td><td>0.94@10%, 0.98@20%, 0.99@50%, 1.00@100%</td></tr> </table>	500W P	0.96@10%, 0.98@20%, 0.99@50%, 1.00@100%	800W P	0.95@10%, 0.98@20%, 1.00@50%, 1.00@100%	800W T	0.98@10%, 0.99@20%, 1.00@50%, 1.00@100%	1600W P	0.94@10%, 0.98@20%, 0.99@50%, 1.00@100%		
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f	test parameters	test Voltage (V)	230								
		test frequency (Hz)	50								
		test total harmonic distortion of supplied electricity	—								
		relevant additional information and documentation on instrumentation for testing	—								
g	Maximum power (W)	1135.2									
h	Idle state power (W)	253.4									
i	Sleep mode power (W)	Not Supported									
j	Off mode power (W)	12.7									
k	Noise level (A-weighted)	-									
l	measurement methodology used in (e) to (k)	(e) : Generalized Test Protocol for Calculating the Energy Efficiency of Internal Ac-Dc and Dc-Dc Power Supplies Revision 6.6(April, 2012) (g)~(j) : ENERGY STAR for Computer Servers for Version 1.1 compliant test methodology. (k): ISO 7779									

*1: COMMISSION REGULATION (EU) No 617/2013 of 26 June 2013

implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for computers and computer servers

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2013:175:0013:0033:EN:PDF>

*2: As per Definitions in Article 2 of Commission Regulation (EU) No 617/2013.